

LENS WITH OPTIMIZED HEAT TRANSFER PROPERTIES

Abstract of the Disclosure

A lens for laser cutting devices, with improved heat transfer properties, and more particularly a lens having a radius $R_1 + R_2$, the lens comprising a lens body having a radius R_1 and a radial outwardly extending flat flange portion having a radius R_2 , wherein the ratio of R_1/R_2 is chosen such that the heat transfer is optimized.

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